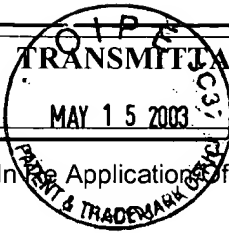


GAM 1763



**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
AM-3245

Inventor: Hoiman (Raymond) HUNG et al.

Serial No.	Filing Date	Examiner	Group Art Unit
09/276,376	March 25, 1999	A. Olsen	1763

Title: **ENHANCEMENT OF SILICON OXIDE ETCH RATE AND NITRIDE SELECTIVITY  
USING HEXAFLUOROBUTADIENE OR OTHER HEAVY PERFLUOROCARBON**

Address to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

# 23  
5/20/03  
mw

**37 CFR 1.97(b)**

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☒ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☒ the statement specified in 37 CFR 1.97(e);

OR

☐ the fee set forth in 37 CFR 1.17(p).

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MAY 16 2003  
TC 1700

# TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

MAY 15 2003

(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.

AM-3245

Re Application: Hoiman (Raymond) HUNG et al.

Serial No.

09/276,376

Filing Date

March 25, 1999

Examiner

A. Olsen

Group Art Unit

1763

ENHANCEMENT OF SILICON OXIDE ETCH RATE AND NITRIDE SELECTIVITY

USING HEXAFLUOROBUTADIENE OR OTHER HEAVY PERFLUOROCARBON

## Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 50-0636 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_
- ☒ Credit any overpayment.
- ☒ Charge any additional fee required.

### Certificate of Transmission by Facsimile\*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (F

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

### Certificate of Mailing by First Class Mail

I certify that this document and fee is being deposited on May 13, 2003 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Ingrid C. Mallory

Typed or Printed Name of Person Mailing Certificate

\*This certificate may only be used if paying by deposit account.

*Charles S. Guenzer*  
Signature

Dated: May 13, 2003

Charles S. Guenzer, Reg. No. 30,640

(650) 566-8040

Mailing Address:

Applied Materials, Inc.

Patent/Legal Department

P.O. Box 450A

Santa Clara, CA 95052

CC:

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**STATEMENT UNDER 37 CFR 1.97(e) ACCOMPANYING  
INFORMATION DISCLOSURE STATEMENT**

Docket No.  
**AM-3245**

In Re Application Of: **Hoiman (Raymond) HUNG et al.**

Serial No.  
**09/276,376**

Filing Date  
**March 25, 1999**

Examiner  
**A. Olsen**

Group Art Unit  
**1763**

Invention: **ENHANCEMENT OF SILICON OXIDE ETCH RATE AND NITRIDE SELECTIVITY  
USING HEXAFLUOROBUTADIENE OR OTHER HEAVY PERFLUOROCARBON**



TO THE ASSISTANT COMMISSIONER FOR PATENTS:

This is a statement under the provisions of 37 CFR 1.97(e) in the above-identified application.

Check applicable statement herebelow:

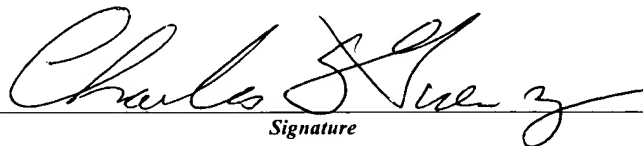
Statement Under 37 CFR 1.97(e)(1)

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**MAY 16 2003**  
**TC 1700**

- ☒ Each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

Statement Under 37 CFR 1.97(e)(2)

- ☐ No item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.

  
Signature

Dated: **May 13, 2003**

**Charles S. Guenzer, Reg. No. 30,640**  
**(650) 566-8040**  
**Mailing Address:**  
**Applied Materials, Inc.**  
**Patent/Legal Department**  
**P.O. Box 450A**  
**Santa Clara, CA 95052**

**Certificate of Mailing by First Class Mail**

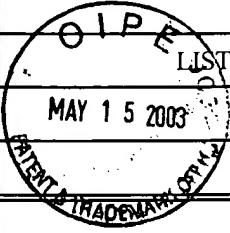
I certify that this document is being deposited on  
**May 13, 2003** with the U.S. Postal Service as first  
class mail under 37 C.F.R. 1.8 and is addressed to the  
Assistant Commissioner for Patents, Washington, D.C.  
20231.

  
Signature of Person Mailing Correspondence

**Ingrid C. Mallory**

Typed or Printed Name of Person Mailing Correspondence

CC:

U.S. Department of Commerce, Patent and Trademark Office					Docket No. <b>AM-3245</b>			
 LIST OF RELEVANT ART CITED BY APPLICANT (Use several sheets if necessary)					Serial No.: <b>09/276,376</b>			
					Applicant: <b>Hoiman (Raymond) Hung et al.</b>			
					Filing Date: <b>March 25, 1999</b>			
					Group: <b>1763</b>			
<b>U.S. PATENT DOCUMENTS</b>								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA	5,366,590	11/22/94	Kadomura	156	662		
	AB	6,028,362	02/22/00	Omura	257	774		
	AC	6,365,060	04/02/02	Nagaseki et al.	216	59		
	AD							
	AE							
	AF							
	AG							
	AH							
<b>FOREIGN PATENT DOCUMENTS (Translation)</b>								
		Document Number	Date	Country	Class	Subclass	Yes	No
	AL	8-31802	02/02/96	JP			Abstract	
	AM	9-312350	02/12/97	JP			Abstract	
	AN	8-165584	06/25/96	JP			Abstract	
	AO	10-313009	11/24/98	JP			Abstract	
	AP	6-275568	09/30/94	JP			Abstract	
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
	AR							
	AS							
	AT							
Examiner			Date Considered					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								